What is claimed is:

1. An application property-improving agent for a photosensitive resin composition, comprising a poly(dimethylsiloxane-diphenylsiloxane) copolymer silicone oil represented by the general formula (1):

wherein R_1 , R_2 , R_3 , R_4 , R_5 and R_6 independently represent a hydrogen atom, a hydroxyl group, a C_{1-4} alkyl group or an aryl group, m is an integer of 1 to 40, and n is an integer of 1 to 40.

- 2. A photosensitive resin composition comprising an alkali-soluble resin and a photosensitizer, wherein the photosensitive resin composition comprises a poly(dimethylsiloxane-diphenylsiloxane) copolymer silicone oil represented by the general formula (1) in claim 1.
- 3. The photosensitive resin composition according to claim 2, wherein the alkali-soluble resin is a novolak resin, and the photosensitizer is a compound having a quinonediazide group.